

555921

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number  
**WO 2004/106216 A1**

(51) International Patent Classification<sup>7</sup>: **B66F 9/10**

Clifford Chambers, Stratford-Upon-Avon, Warwickshire  
CV37 9LB (GB).

(21) International Application Number:  
PCT/GB2004/002242

(74) Agent: **WATTS, Peter, Graham; Anthony Cundy & Co.,**  
1 Olton Bridge, 245 Warwick Road, Solihull B92 7AH  
(GB).

(22) International Filing Date: 26 May 2004 (26.05.2004)

(25) Filing Language: English

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:  
0312343.7 30 May 2003 (30.05.2003) GB

(71) Applicant (*for all designated States except US*):  
**TRANSLIFT ENGINEERING LIMITED** [GB/GB];  
Unit 22, Padgets Lane, Moons Moat South Industrial  
Estate, Redditch, Worcestershire B98 0RB (GB).

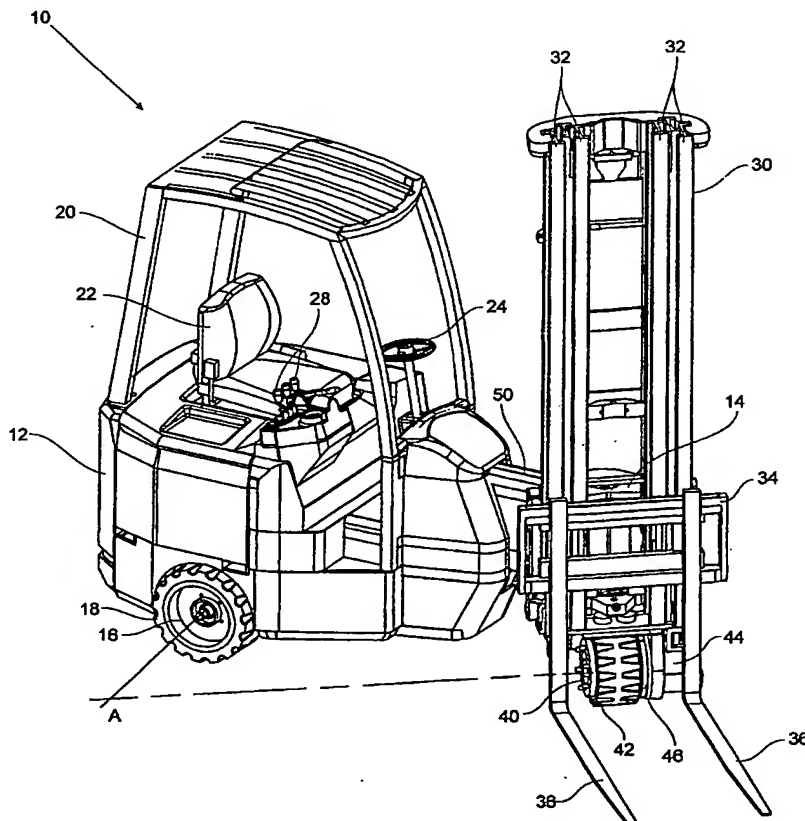
(72) Inventor; and

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

(75) Inventor/Applicant (*for US only*): **BROWN, Frederick, Leslie** [GB/GB]; Woodside Manor, Campden Road,

[Continued on next page]

(54) Title: **FORK LIFT TRUCK WITH A SINGLE FRONT WHEEL**



(57) Abstract: A fork lift truck (10) has a truck body (12), a lift mechanism (14) connected to the truck body (12) by means of a vertically extending pivot (52) and means (24) for turning the lift mechanism (14) relative to the truck body (12) about said pivot (52) to steer the truck (10), the truck body (12) having a pair of rear ground engaging wheels (16) mounted on transverse axes, the lifting mechanism (14) having a single ground engaging front wheel (40) mounted centrally on a transverse axis, the front wheel (40) having independent drive means (44, 46).

WO 2004/106216 A1



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*